

INTERNET INTERFACE CONTROLLER

ABSTRACT OF THE DISCLOSURE

An interface controller for managing operation of a plurality of devices via a wide area network is provided. Each of the devices has a unique communication protocol associated therewith. A network communications layer is provided for communicating with the plurality of devices via the wide area network and a client application associated with the plurality of devices. An information processing layer is also provided for communicating with the network communications layer. The information processing layer has a set of objects corresponding to each of the plurality of devices. The information processing layer is also for interacting with a data access layer on behalf of each of the plurality of devices using the corresponding objects. Interaction between the information processing layer and the data access layer on behalf of all of the plurality of devices is governed by a single set of rules.

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